

1200' W., 200' S., center. - M.A.P.
from mine map. 1959

Mine map filed: 4103. W52
i5.1-13

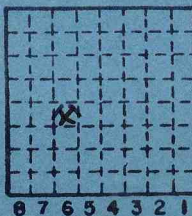
+ 4102
i5.1-24

Freeman C.M. Co.,
#1

Co. # 419
S-9

Mine index
member = BM 69

✓ Mine map 449



h Sec. 5 D6
g
f
e T. 8 S.
d
c R. 2 E.
b
a Index No. ~~W.~~

0305 D6



Mine originally operated by: (1)

Pond Creek Coal Co

Date

1909

Original name or number:

Illinois Coal Report

D.

LATER OPERATORS

Date

Operator

Name or No.

2 1919 Freeman Coal/Co^{Mining} Pond Creek

3 F^{reeman} Freeman Coal & Mining Co " "

4 1945 Freeman Coal & Mining Co " "

5

6 1948 " " " " Freeman #1

7

8

9

10

11

12 AT PRESENT CALLED BOBBY DICK? (NAVY)

13

14 190'S 90'E of NW corner NE SW (1948) DK 1946

*Also owners

#See ownership sheet

Railroad, Wagon, Strip, Idle, Abandoned

Shaft

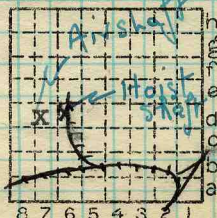
IDENTIFICATION

County No. _____

Coal No. _____

Coal Report No. S-9

Quad. Herrin (1948)
County Williamson



Sec. 5

T. 8 S.

R. 2 E.

Index No.

COAL MINE OPERATOR

0305 D



(Sheets) COAL PRODUCTION (Sheet)

Period						Tons	
Mo.	Day	Year	Mo.	Day	Year		
		1909			1930	5	672 917
1	1	1931	12	31	1931		
1	1	1932	12	31	1932		
					1933		
					1934		
					1935		
					1936		
					1937		
					1938		
S-9	1	1939	12	31	1939	54	859
	1	1940	12	31	1940		0
S-9	1	1940	12	31	1941	63	994
S-9	1	1942	12	31	1942		1000
					1943	426	306
					1944	553	761
					1945	710	249
					1945	740	580
					1945	668	674
					1947	662	900
					1948	513	059
					1949	198	348

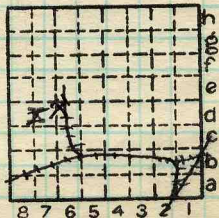
SUMMARIES

No. to No.

Railroad, Wagon, Strip, Idle, Abandoned

IDENTIFICATION

County No. 419 Coal No. 6
 Coal Report No. S-9
 Quad. Herrin
 County Williamson



Sec. 5
 T. 8 N.
2 S.
 R. 2 E.
1 W.
 Index No. 0305 D7





LOCATION AND ELEVATION

Location: W. side Spur 1-C. + CB+Q R. R. side R. R. side Highway No.

on top. map Location sheet

Elevation: Method, 1. Est. () ft. 2. Inst. (kind) ft.

By Data sheet

DEPTH

Authority To coal ft. Authority (in report to Dept M.-M. 1945) Rail to rail 150.3 ft. Top of coal above rail. (Est. Rule) ft. To coal ft.

ALTITUDE OF TOP OF COAL

By estimated data ft. By instrumental data ft.

Thickness

Max. in. Min. in. Aver. in.

GEOLOGICAL DATA

Mine notes, date Coop No. Pyr. inv. Coal Ash inv.

CHEMICAL DATA

Table with 4 columns: Analyses Face, U. I., B. M., Others. Rows include Car, Org. Sulf, Ash fusion, Ash anal.

Classification

Misc. tests: Coking. Cleaning Boiler

Published descriptions:—

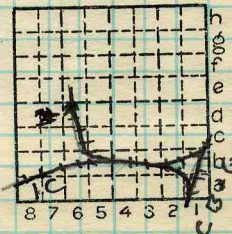
1240 W; 200'S. Cor. Sec

Railroad, Wagon, Idle, Abandoned

IDENTIFICATION

County No. 419 S-9 Quad. Herrin County Williamson

Coal No. Part



Sec. 5 T. 8 N. S. R. 2 E. W. Index No.

0305 D7

COAL MINE LOCATION AND DATA

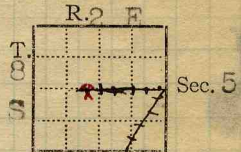
Co L 385.75

Town, Clifford
 Local Authority, *W.O. Steinheimer*
So. Del Engr. Co.
 Level: Auth., *Savage*; NB102, p9&41
 Co Level (14-100-17)
 Method, *HL*

Surface alt., *386* ft.
 Depth to coal, ~~237~~ *237* ft.
 Alt. top coal, *149* ft.
 Thickness: Av. *102* in.
 Max. *108* in., Min. *96* in.

R. R., *C. B. & D., I.C.*

Location: authority, *Savage Folio*



(Show R. R.)

Operator *#419* **GEN'L COAL REPT** Mine Name or No.

19 09 Pond Creek Coal Co

Pond Creek

Successor to

Date

✓ Succeeded by

Freeman Coal Mining Co. Franklin

Date

Jan: 1919, Old Calony Bldg, Chicago

Succeeded by

Date

PRODUCTION.

Q°

				Fiscal		U. S. No.
19 15				183	893	920
<i>1927</i>	<i>259</i>	<i>400</i>				
<i>1928</i>						
<i>1931</i>	<i>75</i>	<i>801</i>				
<i>1932</i>	<i>126</i>	<i>748</i>				

No reply in 25 yrs Better include 1930 #8

Geol. Notes? *Yes*

Coop. No. *#153*

Coal secs.? *Yes*

Analyses No. *US 30872 to 76*

8

Examined by *Schroyer Aug. 29/18*

Ref.

Coal bed name: Local

Survey No. *6*

County

Williamson

Index No. *0305.44*

K.—ACTIVE SHIPPING OR LOCAL COAL MINE.

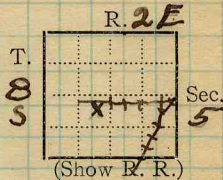
Town, *Herium*; 4 mi N.E.
Local Authority, *W. O. Stenheimer*
So. Ill. Engr. Co.
Level: Auth.,

Surface alt., *386* ft.
Depth to coal, *245* ft.
Alt. top coal, *+149* ft.
Thickness: Av. *102* in.
Max *108* in., Min. *96* in.

Method,

R. R., *C. B & Q.*

Location: authority, *NE of SN 5-8-2*



Operator

Mine Name or No.

Pond Creek Coal Co.

Pond Creek (Bobby D.)

19

Successor to

Date

Succeeded by

Date

Succeeded by

Date

PRODUCTION.

							U. S. No.
<i>1918</i>	<i>Daily</i>	<i>1600 tons</i>					

Geol. Notes? *yes*
Analyses No

Coop. No.

Coal secs? *4.*

Examined by *Schroyer Aug. 29 '18.* Ref.

Coal bed name: Local

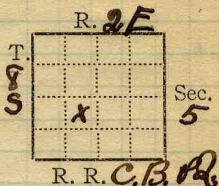
Survey No.

County *Williamson*

Index No. *60305*

K.—ACTIVE SHIPPING OR LOCAL COAL MINE.

Mine Name or No., *Pondcreek (Bobby Dix)*
 4 miles N.E. from *Merim*
 Operator, 191*8* *Pondcreek coal Co.*
 Operator, 191



Entrance, *Shaft* Elev., *386* ft. } above, *149*.
 } below,
 Depth to bottom coal, *245* ft. Alt.

SURFACE DATA.

- A. Topography, *Level* See
- B. Surficial materials. (1) Character, *flat underlain by water bearing gravels overlying the bedrock*
 (2) Thickness, *see reports* (3) Effect on mining and shaft-sinking, of former drainage lines, underground water strata, etc. *much water enters mine from the water bearing gravels; lines of fracture especially near the north end of the north entry are also sources of much water. water bearing roof coal and shale above its fall upon shooting.* See
- C. Outcrops, *none* (1) Character, See
 (2) Structure, *Comparatively level, few rolls in mine.* See
 (3) Fossil horizons, See
 Collection No.,
 (4) Evidences of subsidence, See
- D. Note collection of mine maps, drill records and shaft logs.

See drill record sheet,

- E. Notes on surrounding area,
Faults in Joram Ridge Mine are rule N. E. trending E-W just south of county line, possibly another trending a little west of north, evidences of approach to that E-W fault in this mine. at 1500 feet north of the shaft. See

Coal bed name: Local, Survey No. *6*

Collector, *Selwenger*

Mine, *Pondcreek* Co. *Williamson* Index No. *0305*

L.—SURFACE SHEET (Geol.)

- K. (5) Physical character of coal in benches,
 (a) Relative hardness, *Coal rather soft, and brittle drill easily.*
 (b) Lustre, *Alternating, bright and dull*
 (c) Fracture, *Coal brittle, small fine coal*
 (d) Texture, See

- (6) Impurities in coal, other than bedded,
 (a) Kind, -
 (b) Position and persistence,
 (c) Rejected, Ease of separation, See

- L. Floor: (1) Material, *gray clay shale*
 (2) Thickness,
 (3) Variation,
 (4) Note character, condition, tendency to heave, relation to undercutting commercial value. -

- (5) Clay sample No. Location, See

- M. Stratigraphy,
 (1) Fossiliferous horizons underground,
 Collection No. Location,

N. Notes on effect of deep drilling in coal mine areas.

Operator, *Pond Creek Coal Co.* Date *8/29/18*
 Mine, *Pond Creek (Bobby Dip)* Sec. *5* T. *88.* R. *2E.*
 Located, *4* miles from *Marion*
 Location in mine, *6th E. entry off Main S. 11200 ft. S. 1/2 shaft.*

GRAPHIC SECTION		DESCRIPTION OF SECTION (AT POINT SAMPLED)		
In.	No.	No.	(Note character and thickness of roof)	Inches
<i>2.0</i>	<i>1</i>		<i>Roof is a gray shale, which</i>	
<i>64 1/2</i>	<i>2</i>		<i>slashes for free exposed and becomes rotten. Top coal is left in mine to prevent this from falling</i>	
<i>1/2</i>	<i>3</i>	<i>1.</i>	<i>Best coal, left for roof.</i>	<i>20.</i>
<i>17</i>	<i>4</i>	<i>3.</i>	<i>Generally mother coal in this entry and not separated from pool except where it grades into clay</i>	<i>1/2</i>
<i>18</i>			<i>Roof a gray clay.</i>	
		(Note character and thickness of floor)		
		Total thickness of coal.		
		Condition, <i>Operating</i>	Time, <i>1</i> hr. <i>10</i> min.	
		Wt. Gross, <i>43</i> lbs.	Net, <i>4</i> lbs.	
		What Nos. shipped by Co.?	<i>23864.</i>	
		Excluded from sample: No. <i>1</i>		
		Sample represents <i>82</i> in.		tons.
		Impurities? How do they occur?		

Sample No. _____ Can No. *997 U.S. Bur. of Mines.* No. *30874*
 Collector, *Schuyler* Coal: Survey No. _____
 Mine, *Pond Creek* Co. *Williamson* Index No. *0305*
 R.—COAL SAMPLE SHEET.

Operator, **Pond Creek Coal Co.**, Date **Aug 29, '18.**
 Mine, **Pond Creek (Bobby Dry)** Sec. **5** T. **8 S.** R. **2 E.**
 Located, **4** miles from **Hepkin**
 Location in mine, **5th S.W. - 1500 ft. S. and 1000 ft. W. of shaft.**

GRAPHIC SECTION		DESCRIPTION OF SECTION (AT POINT SAMPLED)		
In.	No.	No.	(Note character and thickness of roof)	Inches
18	1		Roof is a rotten gray clay shale roof	
5 1/2	2	1	Top coal left to hold up soapstone Best coal.	18
1/2	3	2 & 4	Brittle, coal which furnishes much fine coal after blasting.	7 1/2
26	4			
Floor is a gray clay shale.				
(Note character and thickness of floor) Total thickness of coal.				

Condition, _____ Time, **1** hr. **00** min.
 Wt. Gross, **48** lbs. Net, **4** lbs.
 What Nos. shipped by Co.? **2, 3, 4 & 4.**

Excluded from sample: No. **1**
 Sample represents **78** in. _____ tons.
 Impurities? How do they occur? **Few impurities**
Blue band is generally in the coal

Sample No. _____ Can No. **24515 B of M.** Lab. No. **30875**
 Collector, **Schroyer** Coal: Survey No. _____
 Mine, **Pond Creek** Co. **William** Index No. **0305**
R.—COAL SAMPLE SHEET.

Operator, **Pond Creek Coal Co.** Date **Aug. 29 '18.**
 Mine, **Pond Creek (Bobby Div)** Sec. **5** T. **88** R. **2'E.**
 Located, **4** miles from **Heflin.**
 Location in mine, **End of main N.; 1500 ft. N. of shaft.**

GRAPHIC SECTION		DESCRIPTION OF SECTION (AT POINT SAMPLED)		
In.	No.	No.	(Note character and thickness of roof)	Inches
24	1		Roof a rotten gray clay shale "sapstone"	
44	2	1	Top coal left as roof where it does not fall on shooting.	24
1/2	3	2	4 & 6 Brittle coal which makes a large percentage of fine coal upon shooting.	80
1/8	4			
1/2	5			
20	6			
12(?)	7			

(Note character and thickness of floor)
Total thickness of coal.

Condition, _____ Time, **1** hr. **10** min.
 Wt. Gross, **50** lbs. Net, **4** lbs.
 What Nos. shipped by Co.? **23, 4, 6 & 7(?)**
 Excluded from sample: No. **1 & 5.**
 Sample represents **82** in. _____ tons.
 Impurities? How do they occur? **none visible except blue band of gray clay seam.**

Sample No. _____ Can No. **530B of M.** Lab. No. **30873**

Collector, **Schroyer** Coal: Survey No. _____
 Mine, **Pond Creek** Co. **William** Index No. **0305**

Operator, **Pond Creek Coal Co.** Date **Aug. 28 '18.**
 Mine, **Pond Creek (Bobby Dix)** Sec. **5** T. **88** R. **28**.
 Located, **4** miles from **Hesler (N.E.)**
 Location in mine, **End of main S. 1500's. Shaft**

GRAPHIC SECTION		DESCRIPTION OF SECTION (AT POINT SAMPLED)		
In.	No.	No.	(Note character and thickness of roof)	Inches
$\frac{1}{4}$ 12	2 1/2		Roof not seen,	
30	4	1	Top coal left as support for roof.	
$\frac{1}{2}$ 22	6	2, 4, 5, 6, 7, 8 & 10.	Brittle	
$\frac{1}{2}$ 18	7		Coal with several seams	
1 1/2	8		mother coal which are usually	
14	9		irregular.	
	10			

(Note character and thickness of floor)
 Total thickness of coal.

Condition, Time, hr. **55** min.
 Wt. Gross, **50** lbs. Net, **4** lbs.
 What Nos. shipped by Co.? **2, 4, 5, 6, 7, 8, 10.**

Excluded from sample: No. **1 & 9**
 Sample represents **85** in. **8** tons.
 Impurities? How do they occur? **Thin lenses of pyrite in No. 2, & 4.**

Sample No. _____ Can No. **5463/M** Lab. No. **30812**
 Collector, **Salvage** Coal: Survey No.
 Mine, **Pond Creek** Co. **William** Index No. **0305**

INDEX

that the roof coal, 18 in. or more
be left as a seal or much
Turkering and quotecore are required.

Collector

Mine

Pond Creek Co. Williamson

Coal: Survey No.

Index No.

0305

X.—EXTRA SHEET No. 1.

USGM Bull 193, p 152-3

HERRIN. POND CREEK (BOBBY DIX) MINE.

Analyses 30872 to 30876 (p. 34). Bituminous coal, Illinois field, from Pond Creek (Bobby Dix) mine, a shaft mine 4 miles northeast of Herrin, in sec. 5, T. 8 S., R. 2 E., on the Chicago, Burlington & Quincy R. R. Coal bed, Herrin, or No. 6; Carboniferous age, Carbondale formation. Bed averages 8½ feet in thickness; the maximum variation is about 10 to 15 feet. The coal is rather soft and brittle, and there is much fine coal. There are three benches, the top one being left as roof; "blue band," maximum 1½ inches, 17 to 26 inches above bottom; thin seams of "mother coal" at several

horizons in middle bench. Roof, 18 to 20 inches of top coal, above which is gray shale ("soapstone"), 15 to 18 feet; floor, gray clay shale, generally level. The bed was sampled by C. R. Schroyer on August 29, 1918, as described below:

Sections of coal bed in Pond Creek (Bobby Dix) mine.

Section.....	A.	B.	C.	D.
Laboratory No.....	30872	30873	30874	30875
Roof, top coal and "soapstone."				
Coal.....	<i>Ft. in.</i> a (?)	<i>Ft. in.</i> a 2? 0	<i>Ft. in.</i> a 1? 8	<i>Ft. in.</i> a 1 6
Coal.....	2	3 8	5 4½	4 3½
Pyrite.....	½			
Coal.....	2 6 ½			
"Mother coal".....				
Coal.....	1 10 ½	1 4 ½		
"Mother coal".....				
Coal.....	1 6 ½			
"Blue band".....	a 1 ½	1 ½	1 ½	2 ½
Coal.....	1 2	1 8	1 5 ½	2 2 ½
Floor, gray clay shale.		a 1?		
Thickness of bed.....	7 4¾	9 10	8 6	8 0
Thickness of coal sampled.....	7 3¾	6 10	6 10	6 6

a Not included in sample.

Section A (sample 30872) was cut at face at end of main south entry, about 1,500 feet south of shaft. Section B (sample 30873) was cut at face at end of main north entry, 1,500 feet north of shaft. Section C (sample 30874) was cut at face of 6 east entry, main south, 1,200 feet south and 1,800 feet east of shaft. Section D (sample 30875) was cut at face of 5 southwest entry, 1,500 feet south and 1,000 feet west of shaft.

The ultimate analysis of a composite sample made by combining face samples 30872, 30873, 30874, and 30875 is given under laboratory No. 30876. The daily output at time of sampling was 1,600 tons.

Pond Creek Mine Williamson Co. Ind. No. 0305.4